FLORIDA STATE
HORTICULTURAL SOCIETY
QUARTERLY

VOL. XXXIII No. 1, 2, 3 DECEMBER, 1920

Contents

Officers for 1920 III
Constitution V
List of Members VII
Proceedings Thirty-third Annual Meeting 1
Address of Welcome, Robert J. Anderson 3
Response for the Society, B. L. Hammer 8
President's Annual Address, H. Harold Hume 10
A Bit of History, G. L. Taber 15
Program of Opening Session 17
The Florida State Horticultural Society; Its Past, Present and Future, P. H. Rolfs 21
Address, H. G. Hastings, Atlanta, Ga. 23
Address, E. L. Wartman 26
Report of Committee on Fertilizers, Geo. V. Leonard 28
Standardization of Fertilizer Formulas, J. N. Harper 31
Implements for Use in Citrus Groves, J. G. Grossenbacher 41
Types of Spraying Machinery for Use in the Citrus Groves, R. E. Lenfest..44
Utilization of Tractors as Power for Pumping Units in the Citrus Grove, M. O. Kay 49
Tractors in Florida, Frazier Rogers 55
Guatemalan and Mexican Avocados Fruiting in Florida, John B. Beach.. 60
What Constitutes a Good Commercial Variety of Avocado, W. J. Krome. 66
Insects Which Attack the Avocado in Florida, G. F. Moznette 73
Some Diseases of the Avocado and Other Subtropical Fruits, H. E. Stevens 77
The Pineapple Industry in Florida and Its Future, H. S. McLendon 92
The Eustis Limequat. A New Hardy Lime, T. Ralph Robinson 98

Pecan Culture in Florida, C. A. Reed 101
Observations of Pecans and Deciduous Fruits in North and West Florida, H. G. Clayton 109
Honey Bees and Orange Trees, Frank Stirling 113
Co-Operative Culture of Citrus Groves. Its Advantages to the Individual Owner, to the State, and as a Business, O. W. Sadler, M. D. 117
Tear Stain of Florida Citrus Fruits, Its Cause and Control, John R. Winston 122
Sulphur Compounds for Rust Mites, W. W. Yothers 128
The Growing of Satsuma Oranges in Alabama, O. E. F. Winberg 134
Fruit Products in Florida, C. E. Stewart, Jr. 138
Citrus Fruit By-Products, J. W. Sample 140
Muscadine Grapes and Grape Products, Charles Dearing 146
By-Products of Florida Fruits Other Than Citrus, Sarah W. Partridge .. 154
Some Advantages of the Florida System of Nursery Inspection, F. M O'Byrne 161
Melanose of Citrus, T. A. Brown 166
Fumigation in Quarantine Work at Ports, Dr. J. H. Montgomery 169
The Experiment Station, P. H. Rolfs, Director 174
The Florida Development Board, John L. Edwards 183
Home Fruit Gardens, Harriett B. Layton 185
Growing and Cultivation of Plums in Florida, H. H. Simmons 187
How a Fruit Paper Helps Its Readers, F. E. Ford 192
The Marketing of Grape Fruit, Geo. A. Scott 196
Report of Committee on Ornamentals 199
The Home and the Grounds, W. A. Cook 200
Beautifying Florida, Mrs. W. T. Gary 208
Growing Grapes in Florida, F. J. Zimmerman 213
Home Fruit Gardens, Chas. S. Emerson 215
Annual Reports—
Auditing Committee 216
Secretary 216
Treasurer 216
Executive Committee 216
Report of Legislative Committee 218
Resolutions—
Amendment to Constitution 219
No Fence Law 223
A Standard of Maturity 224
Final Resolutions 226

Election of Officers 227
Selection of Next Place of Meeting 227
Report of Committee on Necrology 228
James Allen Stevens 229
Mrs. Okle Painter Williams 233
Robert Day Hoyt 234
Louisa A. Hubbard 236
Dr. Joseph Felix Corrigan 237
Mrs. Potter Palmer 241
O. W. Connor 241
Munsey Barrington Carson 243
Elford Dickerman 244
Everett Wilson Barkwell 245
William Lucien Kepler 246
Alexander Finlay 246
H. S. Budd 246
O. N. Gardner 247
Deceased Members 247